

Title (en)  
PROCESS FOR THE PREPARATION OF ALCANOLS FROM ALCINOLS

Publication  
**EP 0295435 A3 19900509 (DE)**

Application  
**EP 88107784 A 19880514**

Priority  
• DE 3717405 A 19870523  
• DE 3735108 A 19871016

Abstract (en)  
[origin: US4864066A] A process for the preparation of alkanediols by hydrogenation of alkynediols of from 3 to 8 carbon atoms in which a solution of the alkynediol in an alcohol of from 1 to 8 carbon atoms, the mass fraction of alkynediol being more than 5%, of water at most 10%, and of alkanediol from 20% to 85%, is hydrogenated at temperatures of 110 DEG C. to 240 DEG C. and pressures greater than 10 bar, the pH being greater than 6.

IPC 1-7  
**C07C 31/20; C07C 29/17**

IPC 8 full level  
**B01J 25/02** (2006.01); **B01J 27/18** (2006.01); **C07B 61/00** (2006.01); **C07C 27/00** (2006.01); **C07C 29/17** (2006.01); **C07C 31/20** (2006.01); **C07C 67/00** (2006.01)

CPC (source: EP US)  
**C07C 29/172** (2013.01 - EP US)

C-Set (source: EP US)  
1. **C07C 29/172 + C07C 31/20**  
2. **C07C 29/172 + C07C 31/207**

Citation (search report)  
• [X] US 2967893 A 19610110 - HORT EUGENE V, et al  
• [Y] US 3184513 A 19650518 - MOORE JR WILLIAM P, et al  
• [Y] EP 0177912 A1 19860416 - BASF AG [DE]

Cited by  
MY119458A; US6262317B1; WO9815513A1

Designated contracting state (EPC)  
BE CH DE FR GB IT LI NL

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**EP 88107784 A 19880514; JP 12404888 A 19880523; US 18929888 A 19880502**